

Symphonic

Owner's Manual

WF20L6

20 INCH LCD TELEVISION

(Tilt Stand Type)

FEATURES

- **MTS/SAP Tuner**
- **181 Channel Selection-** All VHF/UHF channels plus up to 125 cable channels.
- **PLL Frequency Synthesized Tuning-** Provides free and easy channel selection and lets you tune directly to any channel using the channel number buttons on the remote control.
- **Sleep Timer**
- **Closed Caption Decoder**
- **Auto Shut Off Function-** If there is no signal input from the antenna terminal and no user operation for 15 minutes, the TV will turn itself off automatically.
- **V-CHIP-** Enables parents to prevent their children from watching inappropriate material on TV.
- **Full-Function Remote Control**
- **On-Screen Function Display**
- **S-VIDEO Input-** Allows you to get better picture detail and clarity.
- **Component Input**

PRECAUTIONS

- Place your TV in a room with adequate ventilation.
- Keep your TV set away from sources of direct heat, such as heat registers or direct sunlight.
- Do not place your TV on soft surfaces, such as rugs or blankets.
- Leave enough room for air to circulate around the bottom, top and back of the set.

The serial number of this product may be found on the back of the TV. No others have the same serial number as yours. You should record the number and other vital information here and retain this book as a permanent record of your purchase to aid identification in case of theft.

Date of Purchase		Dealer Phone No.	
Dealer Purchase from		Model No.	
Dealer Address		Serial No.	

IF YOU NEED ADDITIONAL ASSISTANCE WITH SET-UP OR OPERATING AFTER READING OWNER'S MANUAL, PLEASE CALL TOLL FREE **1-800-242-7158** OR VISIT OUR WEB SITE AT **http://www.Symphonic.us**

IMPORTANT SAFEGUARDS

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLI-
ANCE TO RAIN OR MOISTURE.




CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN




CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The important note is located on the rear of the cabinet.

1. **READ INSTRUCTIONS** - All the safety and operating instructions should be read before the appliance is operated.
2. **RETAIN INSTRUCTIONS** - The safety and operating instructions should be retained for future reference.
3. **HEED WARNINGS** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **FOLLOW INSTRUCTIONS** - All operating and use instructions should be followed.
5. **CLEANING** - Unplug TV from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
EXCEPTION: A product that is meant for uninterrupted service and, that for some specific reason, such as the possibility of the loss of an authorization code for a CATV converter, is not intended to be unplugged by the user for cleaning or any other purpose, may exclude the reference to unplugging the appliance in the cleaning description otherwise required in item 5.
6. **ATTACHMENTS** - Do not use attachments not recommended by the TV manufacturer as they may cause hazards.
7. **WATER AND MOISTURE** - Do not use this TV near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
8. **ACCESSORIES** - Do not place this TV on an unstable cart, stand, tripod, bracket, or table. The TV may fall, causing serious injury to someone, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the TV. Any mounting of the appliance should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.



THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

- AMEUBLES** - Cet appareil ne doit être placé que sur un meuble (avec ou sans roulettes) recommandé par le fabricant. Si vous l'installez sur un meuble à roulettes, déplacez les deux ensembles avec précaution. Un arrêt brusque, l'utilisation d'une force excessive et des surfaces irrégulières risquent de déstabiliser l'ensemble et de le renverser.
9. **VENTILATION** - Slots and openings in the cabinet and the back or bottom are provided for ventilation and to ensure reliable operation of the TV and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface. This TV should never be placed near or over a radiator or heat register. This TV should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
 10. **POWER SOURCES** - This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For TVs intended to operate from battery power, or other sources, refer to the operating instructions.
 11. **GROUNDING OR POLARIZATION** - This TV is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
 12. **POWER-CORD PROTECTION** - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.



FUNAI CORPORATION
LIMITED WARRNTY

FUNAI CORP. will repair this product, free of charge in the USA in the event of defect in materials or workmanship as follows:

DURATION:

PARTS: FUNAI CORP. will provide parts to replace defective parts without charge for one (1) year from the date of original retail purchase. Certain parts and LCD image burn-in are not covered under this warranty.

LABOR: FUNAI CORP. will provide the labor without charge for a period of ninety (90) days from the date of original retail purchase.

LIMITS AND EXCLUSIONS:
THIS WARRANTY IS EXTENDED ONLY TO THE ORIGINAL RETAIL PURCHASER. A PURCHASE RECEIPT OR OTHER PROOF OF ORIGINAL RETAIL PURCHASE WILL BE REQUIRED TOGETHER WITH THE PRODUCT TO OBTAIN SERVICE UNDER THIS WARRANTY.
This warranty shall not be extended to any other person or transferee.
This warranty is void and of no effect if any serial numbers on the product are altered, replaced, defaced, missing or if service was attempted by an unauthorized service center. This limited warranty does not apply to any product not purchased and used in the United States.
This warranty only covers failures due to defects in material or workmanship which occurs during normal use. It does not cover damage which occurs in shipment, failures which are caused by repairs, alterations or product not supplied by FUNAI CORP., or damage which results from accident, misuse, abuse, mishandling, misapplication, alteration, faulty installation, improper maintenance, commercial use such as hotel, rental or office use of this product or damage which results from fire, flood, lightning or other acts of God.
THIS WARRANTY DOES NOT COVER PACKING MATERIALS, ANY ACCESSORIES (EXCEPT REMOTE CONTROL), ANY COSMETIC PARTS, COMPLETE ASSEMBLY PARTS, DEMO OR FLOOR MODELS.
FUNAI CORP. AND ITS REPRESENTATIVES OR AGENTS SHALL IN NO EVENT BE LIABLE FOR ANY GENERAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR OCCASIONED BY THE USE OF OR THE INABILITY TO USE THIS PRODUCT. THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND OF ALL OTHER LIABILITIES ON THE PART OF FUNAI. ALL OTHER WARRANTIES INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED BY FUNAI AND ITS REPRESENTATIVES IN THE UNITED STATES.
ALL WARRANTY INSPECTIONS AND REPAIRS MUST BE PERFORMED BY AN AUTHORIZED SERVICE CENTER. THIS WARRANTY IS ONLY VALID WHEN THE UNIT IS CARRIED-IN TO AN AUTHORIZED SERVICE CENTER.
THE PRODUCT MUST BE ACCOMPANIED BY A COPY OF THE ORIGINAL RETAIL PURCHASE RECEIPT. IF NO PROOF OF PURCHASE IS ATTACHED, THE WARRANTY WILL NOT BE HONORED AND REPAIRS COSTS WILL BE CHARGED.
IMPORTANT:
THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. IF, AT ANY TIME DURING THE WARRANTY PERIOD, YOU ARE UNABLE TO OBTAIN SATISFACTION WITH THE REPAIR OF THIS PRODUCT, PLEASE CONTACT FUNAI CORP.
ATTENTION:
FUNAI CORP. RESERVES THE RIGHT TO MODIFY ANY DESIGN OF THIS PRODUCT WITHOUT PRIOR NOTICE.
WARRANTY STATEMENT REGARDING NON AUTHORIZED REPAIRS:
To obtain warranty service, you must take the product, or deliver the product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any AUTHORIZED SERVICE CENTER. FUNAI CORP. will not reimburse you for any service done by unauthorized service providers without prior written approval. To locate your nearest AUTHORIZED SERVICE CENTER or for general service inquiries, please contact us at :

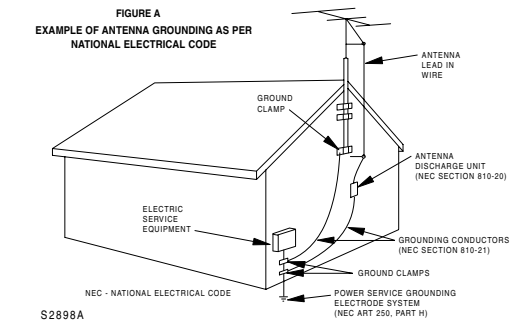
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Customer Service
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http://www.Symphonic.us
19900 Van Ness Avenue, Torrance, CA 90501

1EMN21965

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13. **OUTDOOR ANTENNA GROUNDING** - If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. (Fig. A)
14. **LIGHTNING** - For added protection for this TV receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning and power-line surges.
15. **POWER LINES** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light of power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
16. **OVERLOADING** - Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
17. **OBJECT AND LIQUID ENTRY** - Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the TV.

18. **SERVICING** - Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
19. **DAMAGE REQUIRING SERVICE** - Unplug this TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power supply cord or plug is damaged or frayed.
 - b. If liquid has been spilled, or objects have fallen into the TV.
 - c. If the TV has been exposed to rain or water.
 - d. If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
 - e. If the TV has been dropped or damaged in any way.
 - f. When the TV exhibits a distinct change in performance, this indicates a need for service.
20. **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, injury to persons or other hazards.
21. **SAFETY CHECK** - Upon completion of any service or repairs to this TV, ask the service technician to perform routine safety checks to determine that the TV is in proper operating condition.
22. **HEAT** - This TV product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

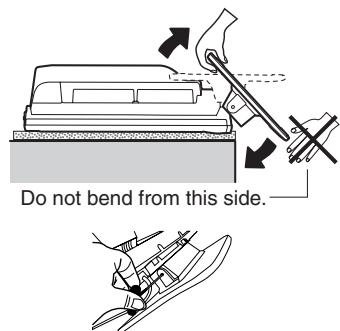


Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

FCC WARNING - This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

PREPARATION FOR USE

UNPACKING

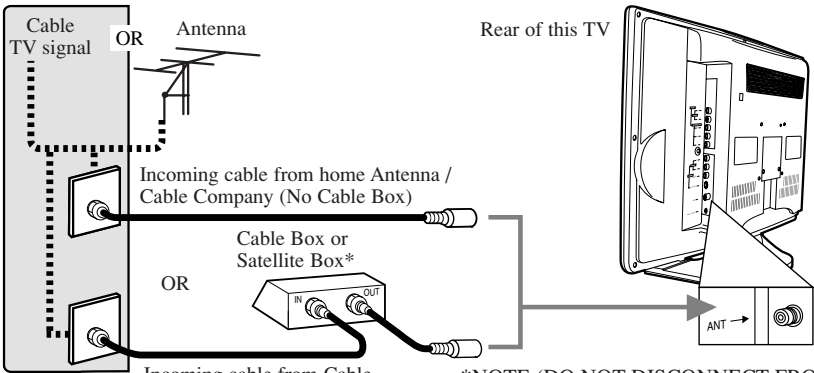


The stand of this TV is folded when you purchased. Place this TV face-down on a flat surface covered with the soft cloth. Bend the stand slowly to forward until it clicks.

If you want to fold the stand again, insert a thin rod into the hole in the right side of the stand as illustrated, bend the stand backward while you keep pushing the hole.

CONNECTIONS

Plug the incoming cable into the ANT jack on the rear of the TV.



Cables not included

*NOTE (DO NOT DISCONNECT FROM BOX) Some cable TV systems use scrambled signals and require a special converter to receive these channels. Consult your local cable company.

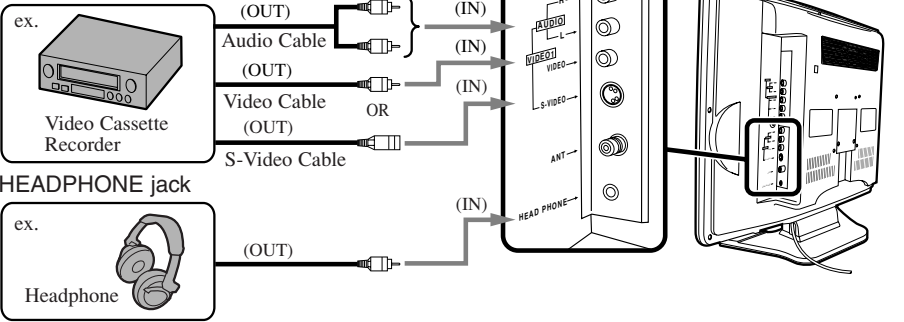
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Note:

- For your safety and to avoid damages to the unit, unplug the antenna cable from the ANT jack before moving the unit.

[EXTERNAL CONNECTION]

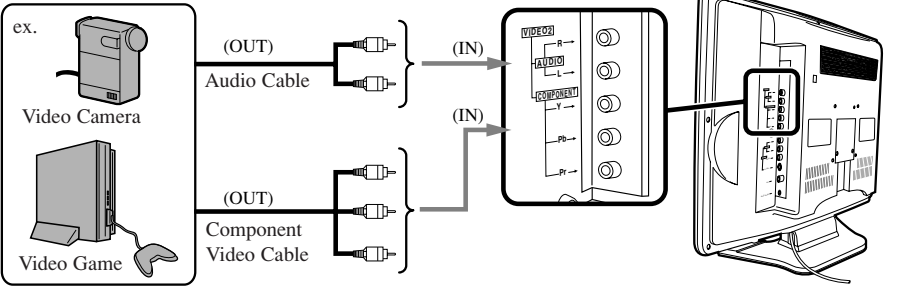
VIDEO1 input



Notes:

- The AUDIO L jack is for mono input. The sound is heard from both speakers. Use this jack for connecting monaural audio equipment.
- The S-VIDEO jack is given priority over the VIDEO jack.

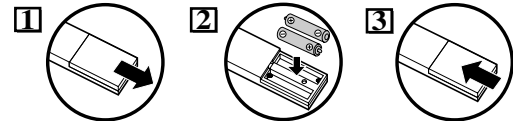
VIDEO2 input



Notes:

- This TV can accept 480p / 480i / simplified 1080i video signal.
- Simplified 1080 video signal differs to the original 1080i video signal because it is displayed after converted into 480p signal.

INSTALLING THE BATTERIES



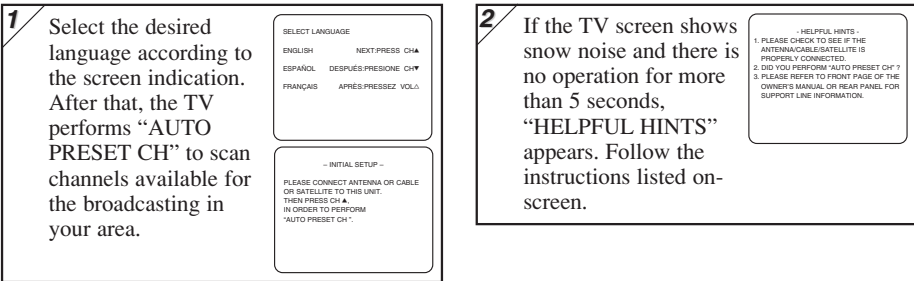
Install two AAA batteries (supplied) matching the polarity indicated inside battery compartment of the remote control.

[BATTERY PRECAUTIONS]

- Be sure to follow the correct polarity as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-Zinc) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries not intended to be recharged; they can overheat and rupture.

INITIAL SETUP

When you turn on the power for the first time, the “SELECT LANGUAGE” menu is displayed. The “INITIAL SETUP” menu is displayed every time you turn on the unit unless the scanning is completed.



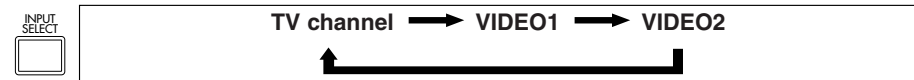
When the scanning is completed, or [MENU] is pressed during channel scanning to cancel it, the tuner stops on the lowest memorized channel.

Notes:

- In case no channel can be received by the channel scanning, “NO TV SIGNALS” is displayed on the screen. Turn off the unit and check the antenna connection, then follow step 1 again.
- If those settings do not work properly, please call our help line on the front page of this owner's manual.

SELECTING AUDIO/VIDEO INPUT

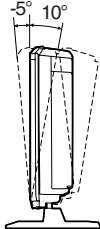
When you use the AUDIO/VIDEO input jacks, select “VIDEO1” or “VIDEO2” mode by pressing [INPUT SELECT] on the remote control or [SELECT] on the main unit. The input mode changes by pressing the button as following:



TILT STAND

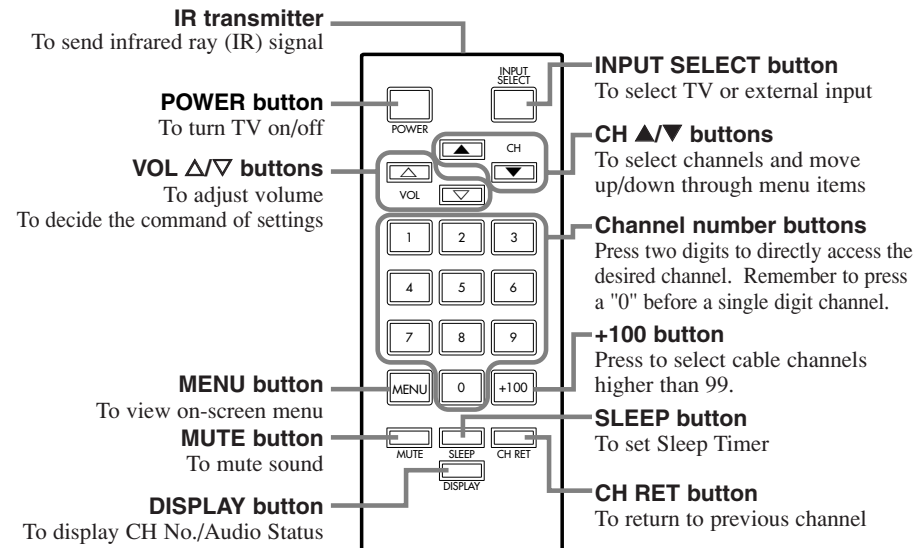
Tilt Stand

Adjust the stand to change the angle of TV (-5° ~ 10°).



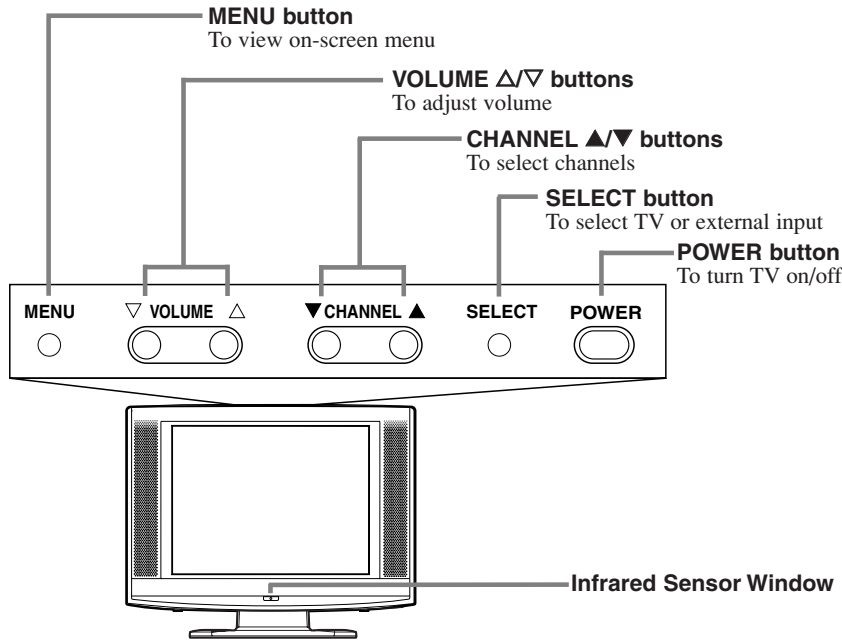
OPERATIONS

REMOTE CONTROL AND TOP PANEL FUNCTION



Note:

- You can test if the remote control sends out the infrared signal with an AM radio. (Refer to “TROUBLESHOOTING GUIDE”.)



Note:

- If some digits appear in the corner of the screen when the unit is turned on at the first time, press [POWER] without unplugging the power cord.

OPERATIONS (Continued)

CHANNEL SETTING

[AUTO PRESET CHANNELS]

Channel presetting is necessary at the start or in case you moved the TV to a different area. This feature automatically scans and memorizes all available channels in your area and lets you easily select with [CH ▲/▼].

1 Select "CHANNEL SET UP"

MENU

↓

CH

▲

▼

↓

VOL

▲

▼

- TV SET UP -

PICTURE

▶ CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select "AUTO PRESET CH"

CH

▲

▼

↓

VOL

▲

▼

- CHANNEL SET UP -

ADD/DELETE CH (TV)

▶ AUTO PRESET CH

The tuner starts scanning automatically.

3 After scanning (completed)

The lowest memorized channel appears.

15

OR

(in failure)

Check antenna connection and try again.

NO TV SIGNAL

Note:

- The TV may recognize TV channels as CATV channels if reception condition is poor. If this happens, check the antenna connections and try scanning again when reception conditions are better.

SLEEP TIMER SETTING

1 Select "SLEEP"

MENU

↓

CH

▲

▼

↓

VOL

▲

▼

- TV SET UP -

PICTURE

CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

▶ SLEEP [0] MINUTE

• The time increases by 10 minutes up to 90.

[ADDING/DELETING CHANNELS]

You can add channels that was not memorized by AUTO PRESET CH due to the bad reception status and also delete channels you no longer receive or seldom watch.

1 Select "CHANNEL SET UP"

MENU

↓

CH

▲

▼

↓

VOL

▲

▼

- TV SET UP -

PICTURE

▶ CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select "ADD/DELETE CH"

VOL

▲

▼

- CHANNEL SET UP -

▶ ADD/DELETE CH (TV)

AUTO PRESET CH

3 Select the channel you wish

CH

▲

▼

or

1 2 3

4 5 6

7 8 9

0

4 Add or delete the channel

VOL

▲

▼

15

ADD/DELETE

Add: light blue
Delete: light red

5 To exit the menu

MENU

BRIGHTNESS

Adjust until the darkest parts of the picture are as bright as you prefer.

- [-] : decrease brightness
- [+] : increase brightness

CONTRAST

Adjust to increase or decrease contrast.

- [-] : decrease contrast
- [+] : increase contrast

COLOR

Adjust to be brilliant or pale color.

- [-] : be pale color
- [+] : be brilliant color

TINT

Adjust to obtain natural skin tones.

- [-] : add red
- [+] : add green

SHARPNESS

Adjust the detail of the picture.

- [-] : less clear
- [+] : more clearer

Note:

- The display will disappear automatically after 10 seconds unless you press any buttons.

BACK LIGHT SETTING

1 Select "BACK LIGHT"

MENU

↓

CH

▲

▼

- TV SET UP -

PICTURE

CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

▶ BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select the desired brightness mode

VOL

▲

▼

[BRIGHT] ↔ [NORMAL] ↔ [DARK]

3 To exit the menu

MENU

CLOSED CAPTION

You may view specially labeled (cc) TV programs, movies, news and prerecorded tapes, etc. with either a dialogue caption or text display added to the program.

1 Select "CAPTION"

MENU

↓

CH

▲

▼

- TV SET UP -

PICTURE

CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

▶ CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select the desired caption mode

VOL

▲

▼

[OFF] ↔ [CAPTION1] ↔ [CAPTION2]

↕

[TEXT2] ↔ [TEXT1]

3 To exit the menu

MENU

[CAPTION MODE (CAPTION1, CAPTION2)]

- CAPTION1 displays standard closed captions (what a character is saying).
- CAPTION2 displays foreign language closed captions (foreign language words showing what a character is saying).
- There are three ways of displaying according to programs:
 - Paint-on mode:** Displays input characters on the screen immediately.
 - Pop-on mode :** Once characters are stored in memory, they are displayed all at once.
 - Roll-up mode :** Displays the characters continuously by scrolling (max. 4 lines).

[TEXT MODE (TEXT1, TEXT2)]

- TEXT1 and TEXT2 display half-screen text by scrolling (such as a channel guide, schedule or announcement).



- Notes:**
- If closed captioning is not broadcasted, you cannot receive it and nothing is displayed.
 - When your TV receives a special effects playback signal (i.e., Search, Slow and Still) from a VCR's video output channel (CH3 or CH4), the TV may not display the correct caption or text.
 - Captions and texts may not match the TV voice exactly.
 - Interference may cause the closed caption system not to function properly.
 - The caption or text characters will not be displayed while the menu display or functions display is shown.
 - If a black box appears on the screen, this means that the TV is set to TEXT mode. To clear screen, select [CAPTION1], [CAPTION2] or [OFF].

MULTI-CHANNEL TELEVISION SOUND (MTS) SYSTEM

1 Select "TV SOUND"

MENU

↓

CH

▲

▼

- TV SET UP -

PICTURE

CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

▶ TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select the desired sound mode

VOL

▲

▼

[MAIN] ↔ [MONO] ↔ [SAP]

3 To exit the menu

MENU

Menu Selection	MAIN	MONO	SAP*
Type of broadcast			
Regular	-None-	-None-	-None-
Stereo broadcast	STEREO	MONO	STEREO
SAP	MAIN	MAIN	SAP

***Second Audio Program (SAP) :**
Your program can also be received in a second language or sometimes a radio station.

Note:

- If you select [SAP] when second audio is not available, the TV will receive normal audio.

PICTURE ADJUSTMENT

1 Select "PICTURE"

MENU

↓

VOL

▲

▼

- TV SET UP -

▶ PICTURE

CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select an item to adjust

CH

▲

▼

[BRIGHTNESS] ↔ [CONTRAST]

↕

[SHARPNESS] ↔ [TINT] ↔ [COLOR]

3 Adjust the setting

VOL

▲

▼

... +

... -

BRIGHTNESS

-|||||||+

OPTIONAL SETTINGS

LANGUAGE SELECTION

1 Select "LANGUAGE"

MENU

↓

CH

▲

▼

- TV SET UP -

PICTURE

CHANNEL SET UP

V-CHIP SET UP

▶ LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2 Select the desired language

VOL

▲

▼

[ENGLISH] ↔ [ESPAÑOL]

↕

[FRANÇAIS]

3 To exit the menu

MENU

OPTIONAL SETTINGS (Continued)

1

Select "V-CHIP SET UP"

MENU

CH

VOL

- TV SET UP -

PICTURE CHANNEL SET UP

V-CHIP SET UP

LANGUAGE [ENGLISH]

CAPTION [OFF]

TV SOUND [MAIN]

BACK LIGHT [BRIGHT]

SLEEP [0] MINUTE

2

Enter 4-digit code

1 2 3

4 5 6

7 8 9

0

ACCESS CODE

— — — —

If you have not set up your personal access code, enter 0000 (default access code).

3

Select a feature to set up

CH

VOL

- V-CHIP SET UP -

TV RATING

MPAA RATING

CHANGE CODE

A

B

C

A

[TV RATING SET UP]

4

Select a rating

CH

VOL

TV-Y () [VIEW]

TV-Y7 () [VIEW]

TV-G () [VIEW]

TV-PG () [VIEW]

TV-14 () [VIEW]

TV-MA () [VIEW]

<Selection>

<Rating Category Explanations>

• TV-Y : Appropriate for all children

• TV-Y7 : Appropriate for children seven and older

• TV-G : General Audience

• TV-PG : Parental Guidance suggested

• TV-14 : Unsuitable for children under 14

• TV-MA : Mature audience only

5-1

* Rating with no sub categories

Set to [BLOCK] or [VIEW]

VOL

TV-Y () [VIEW]

TV-Y7 () [VIEW]

TV-G () [BLOCK]

TV-PG (DLSV) [BLOCK]

TV-14 (DLSV) [BLOCK]

TV-MA (LSV) [BLOCK]

5-2

* Rating with sub categories

VOL

2 times

Select a rating

CH

TV-Y () [VIEW]

TV-Y7 () [VIEW]

TV-G () [VIEW]

TV-PG () [VIEW]

TV-14 () [VIEW]

TV-MA () [VIEW]

Sub categories

TV-PG [BLOCK]

D [BLOCK]

L [BLOCK]

S [BLOCK]

V [BLOCK]

Set to [BLOCK] or [VIEW]

VOL

TV-PG [BLOCK]

D [VIEW]

L [BLOCK]

S [BLOCK]

V [BLOCK]

<Selection>

<Rating Category Explanations>

• TV-Y7

FV : Fantasy Violence

• TV-PG / TV-14 / TV-MA :

D : Suggestive Dialog (TV-PG, TV-14 only)

L : Coarse Language

S : Sexual Situation

V : Violence

6

To exit the menu

MENU

B

[MPAA RATING SET UP]

4

Select a rating

CH

VOL

G () [VIEW]

PG () [VIEW]

PG-13 () [VIEW]

R () [VIEW]

NC-17 () [VIEW]

X () [VIEW]

5

Set to [BLOCK] or [VIEW]

VOL

repeatedly

G () [VIEW]

PG () [VIEW]

PG-13 () [VIEW]

R () [BLOCK]

NC-17 () [BLOCK]

X () [BLOCK]

<Selection>

<Rating Category Explanations>

• G : General Audience

• PG : Parental Guidance suggested

• PG-13 : Unsuitable for children under 13

• R : Restricted; under 17 requires accompanying parent or adult guardian

• NC-17 : No one under 17 admitted

• X : Mature audience only

6

To exit the menu

MENU

Notes (for TV RATING and MPAA RATING):

• You cannot access the setup menu when the "PROTECTED PROGRAM by ..." message appears. Move to an unblocked channel before you press [MENU].

• When you select a rating and set it to [BLOCK], the higher ratings will be blocked automatically. The lower ratings will be available for viewing.

• When you set "X" or "TV-MA" to [VIEW], all ratings turn to [VIEW] automatically.

C

[CHANGING THE ACCESS CODE]

4

Enter 4-digit code

1 2 3

4 5 6

7 8 9

0

NEW CODE

XXXX

CONFIRM CODE

— — — —

5

To exit the menu

MENU

Notes:

• Make sure you enter exactly the same new code in the "CONFIRM CODE" space as one in the "NEW CODE" space. If they are different, the "NEW CODE" space is cleared for redoing.

• Your personal access code will be erased and will return to the default (0000) when a power failure occurs or when you turn off the power using a wall switch. If you have forgotten the code, unplug the power cord for 10 seconds to restore the access code to 0000.

TROUBLESHOOTING GUIDE

Sometimes a performance problem can be easily solved by checking seemingly apparent but often overlooked possibilities. Before arranging for service, check these items. It could save your time and money.

QUICK SERVICE CHECK LIST

Problem	Possible Remedy	
Remote Control Doesn't Work	2, 10, 15, 16	1Try a new channel, if OK, then possible station trouble.
Bars on Screen	5, 6	2Is TV plugged in? Power at outlet?
Picture Distorted	1, 5, 12	3Is TV's power on?
Picture Rolls Vertically	1, 5, 6	4Is antenna or cable connected to terminal on the back of the set?
No Color	1, 4, 5, 8	5If outside antenna is being used, check for broken wire or loose connection.
Poor Reception on Some Channels	1, 4, 5, 6	6Check for local interference.
Weak Picture	1, 4, 5, 9, 12, 13	7Turn off the TV and then turn it on after about a minute.
Lines or Streaks in Picture	1, 5, 6	8Adjust COLOR control.
Ghosts in Picture	1, 4, 5, 6	9Adjust CONTRAST & BRIGHT control.
Picture Blurred	1, 5	10....Check batteries in remote control.
Sound OK, Picture Poor	1, 4, 5, 6, 9, 12, 13	11....Move the TV away from the nearby appliances which generate a magnetic field. Turn off using [POWER], then turn it on again 30 minutes later or so.
Picture OK, Sound Poor	1, 6	12....Temperature around is too low.
No Picture or Sound	1, 2, 3, 4, 5, 7	13....Life of the Back Light is approximately 50,000 hours. Ask the Service Center to replace.
Different Color Marks on Screen	1, 11	14....It is quality of the LCD Panel.
Black or Luminous Point on Screen	14	15....Check if there is an obstacle between the sensor and the remote control.
		16....Test the signal output.* If OK, then possible remote sensor trouble.

*Additional Remote Test

Tune an AM radio to a station with no broadcasting. Press a button on the remote control toward the radio. Sound will be fluttering when you press any key and the radio receives the signal. This means the remote control unit is working.

Closed Caption Problem	Possible Remedy
Misspelled captions are shown.	Spelling errors may pass through uncorrected by the closed captioning production company in a live broadcast.
Text is not shown in its entirety or there is a delay of what is being said.	Captions that are delayed a few seconds behind the actual dialogue are common for live broadcasts. Most captioning production companies can display a dialogue to a maximum of 220 words per minute. If a dialogue exceeds that rate, selective editing is used to insure that the captions remain up-to-date with the current TV screen dialogue.
Captions are scrambled with white boxes on the TV screen.	Interference caused by building, power lines, thunderstorms, etc. may cause scrambled or incomplete captions to appear.
No captions are displayed in a program which must contain closed caption.	Broadcasters may use a time compression process to the actual program so that additional advertising time can be given. In this case, captions will be lost since the decoder cannot read the compressed information.
No captions are displayed when playing a prerecorded videotape with closed caption.	The videotape may be either an illegal copy or the tape duplicating company may accidentally have left out the captioning signals during the copying process.
The TV screen shows a black box.	You are in TEXT mode. Select [CAPTION1], [CAPTION2] or [OFF].

The LCD panel is manufactured to provide many years of useful life. Occasionally a few non active pixels may appear as a fixed point of blue, green or red. This is not to be considered a defect in the LCD screen.

MAINTENANCE

CABINET CLEANING

• Wipe the front panel and other exterior surfaces of the TV with a soft cloth immersed in lukewarm water and wrung dry.

• Never use a solvent or alcohol. Do not spray insecticide liquid near the TV. Such chemicals may cause damage and discoloration to the exposed surfaces.

PICTURE SCREEN CLEANING

If the liquid crystal display panel should require cleaning, wipe it with a cotton or soft cloth. Before cleaning the picture screen, disconnect the power cord.

SUPPLIED ACCESSORIES

• Owner's Manual (1EMN21965)

• Remote control unit (NE900UD)

• Batteries ("AAA" x 2)

SPECIFICATIONS

GENERAL SPECIFICATIONS		ELECTRICAL SPECIFICATION	
Television system:	NTSC-M TV Standard	Sound output:	1W, 8 ohm x 2
Closed Caption System:	§15.119/FCC	OTHER SPECIFICATIONS	
Channel coverage	VHF: 2 ~ 13 UHF: 14 ~ 69 CATV: 2 ~ 13, A ~ W, W+1 ~ W+84, A-5 ~ A-1, 5A	Remote control:	Digital encoded infrared light system
Tuning System:	181 channels frequency synthesized tuning system	Operating temperature:	5°C to 40°C (41°F~104°F)
Channel access:	Direct access keyboard, programmable scan and up/down	Power requirements:	AC120V, 60Hz
Terminals		Power consumption (Maximum):	53W
Antenna input:	VHF/UHF/CATV 75 ohm unbalanced (F-type)	LCD:	20"
S-Video input:	Mini DIN 4-pin jack	Dimensions (H x W x D):	
Video input:	RCA connector x 1	With Tilt Stand	18-3/8" x 23-3/8" x 9-1/8"
Audio input:	RCA connector x 4	(466mm x 594mm x 231mm)	
Component video input:	One pin jack (Y), 1Vpp(75 ohm) Two pin jacks (P ₁)/(P ₂), 700mVpp(75 ohm)	Weight:	
Headphone:	1/8" stereo (3.5mm)	With Tilt Stand:	11.0 lbs. (5.0kg)
Stereo Sound System		•Designs and specifications are subject to change without notice and without our legal obligation.	
2 speakers		•If there is a discrepancy between languages, the default language will be English.	
2 ways AV input			

OPERACIONES (Continúa)

AJUSTE DE CANAL

[PREAJUSTE AUTO DE CANALES]

Es necesario preparar los canales al inicio o cuando lleve el TV a una región diferente. Esta función busca y memoriza automáticamente todos los canales en su región y permite seleccionarlos fácilmente con [CH ▲/▼].

1 Seleccione “AJUSTE DE CANAL”

MENU

CH

VOL

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione “PREA. AUTO CA.”

CH

VOL

- AJUSTE DE CANAL -

AGREGAR/BORRAR CA (TV)

► PREA. AUTO CA.

El sintonizador empieza a buscar automáticamente.

3 Después de la búsqueda

(terminado)

Aparece el canal memorizado más bajo.

15

(fallo)

Verifique la conexión de la antena y pruebe otra vez.

NO HAY SEÑAL DE TV

Nota:

- El TV puede reconocer los canales de TV como canales de cable (CATV) si el estado de la recepción es malo. En este caso, verifique las conexiones de la antena y pruebe nuevamente cuando las condiciones de la recepción sean mejores.

[AGREGACIÓN / BORRADO DE CANALES]

Puede agregar canales no memorizados con PREA. AUTO CA. debido al mal estado de la recepción y también borrar canales que ya no necesita o casi nunca mira.

1 Seleccione “AJUSTE DE CANAL”

MENU

CH

VOL

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione “AGREGAR/BORRAR CA”

VOL

- AJUSTE DE CANAL -

►AGREGAR/BORRAR CA (TV)

PREA. AUTO CA.

3 Seleccione el canal deseado

CH

0

1 2 3

4 5 6

7 8 9

10 11 12

4 Agregue o borre el canal

VOL

15

AGREGAR/BORRAR

Agregue: celeste
Borre: rojo claro

5 Para salir del menú

MENU

AJUSTE DE IMAGEN

1 Seleccione “IMAGEN”

MENU

VOL

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione un ítem a ajustar

CH

[CLARIDAD] ↔ [CONTRASTE]

[AGUDEZA] ↔ [MATIZ] ↔ [COLOR]

3 Ajuste la selección

VOL

... +

... -

CLARIDAD
-| | | | | | | | | | +

Nota:

- La indicación desaparecerá automáticamente después de 10 segundos a menos que presione un botón.

AJUSTE DE LUZ DE FONDO

1 Seleccione “LUZ DE FONDO”

MENU

CH

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione el modo de brillo deseado

VOL

[BRILLO] ↔ [NORMAL] ↔ [OSCURO]

3 Para salir del menú

MENU

SUBTITULOS NARRATIVOS

Puede ver el programa de TV con etiqueta especial (cc), películas, noticias y cintas pregabadas, etc. con el subtítulo de diálogo o con el texto agregado al programa.

1 Seleccione “TITULO”

MENU

CH

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

[MODO DE TITULO (SUBTIT1, SUBTIT2)]

- SUBTIT1 muestra subtítulos narrativos normales (qué es lo que dice un personaje).
- SUBTIT2 muestra los subtítulos narrativos de un idioma extranjero (palabras en idioma extranjero mostrando lo que dice un personaje).
- Hay tres formas de mostrar de acuerdo con el programa:
 - Modo pintado : Muestra inmediatamente los caracteres entrados en la pantalla.
 - Modo emergente : Una vez memorizados los caracteres, aparecen de una vez.
 - Modo de avance : Muestra los caracteres continuamente en un rollo (máx. 4 líneas).

CLARIDAD

Ajuste hasta que las partes más oscuras de la imagen tengan el brillo preferido.

- [-] : disminuye el brillo
- [+] : aumenta el brillo

CONTRASTE

Ajuste para aumentar o reducir el contraste.

- [-] : disminuye el contraste
- [+] : aumenta el contraste

COLOR

Ajuste el color a brillante o pálido.

- [-] : color pálido
- [+] : color brillante

MATIZ

Ajuste para obtener tonos de piel naturales.

- [-] : agregue rojo
- [+] : agregue verde

AGUDEZA

Ajuste para ver más detalles en la imagen.

- [-] : suave
- [+] : nítido

AJUSTE DEL TEMPORIZADOR PARA DORMIR

1 Seleccione “REPOSAR”

MENU

CH

VOL

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

►REPOSAR [0] MINUTO

El tiempo aumenta en 10 minutos hasta 90.

Notas:

- Cuando desconecte la unidad del tomacorriente de CA o cuando tiene un corte eléctrico, se perderá el tiempo para dormir.
- Para cancelar el temporizador para dormir, presione repetidamente [SLEEP] hasta que aparezca “REPOSAR 0 MINUTO”.
- La pantalla de ajuste del temporizador para dormir desaparecerá automáticamente después de 10 segundos del funcionamiento.
- Puede ajustar también el temporizador para dormir presionando [SLEEP] repetidamente.

SISTEMA DE SONIDO DE TELEVISION DE MULTIPLES CANALES (MTS)

1 Seleccione “SONIDO TV”

MENU

CH

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione el modo el sonido deseado

VOL

[MAIN] ↔ [MONO] ↔ [SAP]

3 Para salir del menú

MENU

Selección de menú	MAIN	MONO	SAP*
Tipo de transmisión			
Regular	-Ninguno-	-Ninguno-	-Ninguno-
Transmisión estéreo	ESTEREO	MONO	ESTEREO
SAP	MAIN	MAIN	SAP

*Segundo programa de audio (SAP) : Su programa también puede recibirse en un segundo idioma o a veces una emisora de radio.

Nota:

- Si selecciona [SAP] cuando no hay un segundo audio disponible, el TV recibirá el audio normal.

AJUSTES OPCIONALES

SELECCION DE IDIOMA

1 Seleccione “IDIOMA”

MENU

CH

- TV PREP. -

IMAGEN

AJUSTE DE CANAL

AJUSTE DE V-CHIP

IDIOMA [ESPAÑOL]

TITULO [OFF]

SONIDO TV [MAIN]

LUZ DE FONDO [BRILLO]

REPOSAR [0] MINUTO

2 Seleccione el idioma deseado

VOL

[ENGLISH] ↔ [ESPAÑOL]

[FRANÇAIS]

3 Para salir del menú

MENU

AJUSTES OPCIONALES (Continúa)

INSTALACION DE V-CHIP

Permite que los padres prohíban que sus hijos vean material no apto para ellos en la TV.

- La limitación no existe para las noticias, programa de deportes, películas no editadas en los canales de cable premio y las señales del sistema de transmisión de emergencia.
- Cuando intenta acceder a programas bloqueados, aparece un mensaje “PROGRAMA PROHIBIDO por ...” en la pantalla de TV.
- La programación puede tener clasificación de la Asociación Americana de Películas (MPAA) o las Guías de Padres para Televisión. Para bloquear programación no aptos, ajuste sus límites de nivel para CLASE DE MPAA y CLASE DE TV.

1

Seleccione “AJUSTE DE V-CHIP”

MENU

CH

VOL

IMAGEN

AJUSTE DE V-CHIP

IDIOMA (ESPAÑOL)

TITULO (OFF)

SONIDO TV (MAIN)

LUZ DE FONDO (BRILLO)

REPOSAR (0) MINUTO

2

Ingrese un código de 4 cifras

123

456

789

0

CODIGO DE ACCESO

Si no ajustó su código de acceso personal, ingrese 0000 (código de acceso por omisión).

3

Seleccione una función a instalar

CH

VOL

- AJUSTE DE V-CHIP -

CLASE DE TV

CLASE DE MPAA

CAMBIAR CODIGO

A

B

C

A [INSTALACION DE CLASE DE TV]

4

Seleccione un nivel

CH

TV-Y

TV-Y7 ()

TV-G

TV-PG ()

TV-14 ()

TV-MA ()

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

<Selección>

<Explicaciones de categoría de nivel>

• TV-Y : Apto para todos los niños

• TV-Y7 : Apto para niños mayores de 7 años

• TV-G : Auditorio general

• TV-PG : Se sugiere Guía de Padres

• TV-14 : No apto para niños de menos de 14 años

• TV-MA : Sólo para adultos

5-1

* Nivel sin subcategorías

Ajuste a [BLOQ.] o [MIRAR]

VOL

TV-Y

TV-Y7 ()

TV-G

TV-PG (DLSV)

TV-14 (DLSV)

TV-MA (LSV)

[MIRAR]

[MIRAR]

[BLOQ.]

[BLOQ.]

[BLOQ.]

[BLOQ.]

5-2

* Nivel con subcategorías

VOL

2 veces

CH

Subcategorías

TV-Y

TV-Y7 ()

TV-G

TV-PG ()

TV-14 ()

TV-MA ()

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

[MIRAR]

TV-PG

D

L

S

V

[BLOQ.]

[BLOQ.]

[BLOQ.]

[BLOQ.]

[BLOQ.]

Ajuste a [BLOQ.] o [MIRAR]

VOL

TV-PG

D

L

S

V

[BLOQ.]

[MIRAR]

[BLOQ.]

[BLOQ.]

[BLOQ.]

<Selección>

<Explicaciones de categoría de nivel>

• TV-Y7

FV : Violencia en fantasía

• TV-PG / TV-14 / TV-MA :

D : Diálogo sugerente (Sólo TV-PG, TV-14)

L : Lenguaje inapropiado

S : Situaciones sexuales

V : Violencia

6

Para salir del menú

MENU

B

[AJUSTE DE CLASE DE MPAA]

4

Seleccione un nivel

CH

G

PG

PG-13

R

NC-17

X

[MIRAR]

[MIRAR]

[MIRAR]

[BLOQ.]

[MIRAR]

[MIRAR]

5

Ajuste a [BLOQ.] o [MIRAR]

VOL

repetidamente

G

PG

PG-13

R

NC-17

X

[MIRAR]

[MIRAR]

[BLOQ.]

[MIRAR]

[BLOQ.]

[BLOQ.]

<Selección>

<Explicaciones de categoría de nivel>

• G : Audiencia general

• PG : Se sugiere Guía de Padres

• PG-13 : No apto para niños de menos de 13

• R : Limitación, los menores de 17 deben estar acompañados por un padre o adulto responsable

• NC-17 : Prohibido para menores de 17

• X : Sólo para adultos

6

Para salir del menú

MENU

Notas (para niveles CLASE DE TV y CLASE DE MPAA):

- No puede tener acceso al menú de ajustes cuando aparece el mensaje “PROGRAMA PROHIBIDO por ...”. Vaya a un canal no bloqueado antes de presionar [MENU].
- Cuando selecciona un nivel y [BLOQ.], los niveles más altos se bloquean automáticamente. Los niveles más bajos pueden verse.
- Cuando usted configura “X” o “TV-MA” a [MIRAR], todas las calificaciones pasan automáticamente a [MIRAR].

C [CAMBIO DEL CODIGO DE ACCESO]

4

Ingrese un código de 4 cifras

123

456

789

0

CODIGO NUEVO

XXXX

CODIGO CONFIRMADO

5

Para salir del menú

MENU

Notas:

- Asegúrese de entrar exactamente el mismo nuevo código en el espacio “CODIGO CONFIRMADO” que en el espacio “CODIGO NUEVO”. Si son diferentes, se borra el espacio “CODIGO NUEVO” para volver a empezar.
- Se borrará su código de acceso personal y volverá al valor por omisión (0000) cuando se produce un corte eléctrico o cuando desconecte la electricidad con un interruptor de pared. Si se olvidó el código, desenchufe el cable eléctrico durante 10 segundos para volver el código de acceso a 0000.

GUIA DE LOCALIZACION DE PROBLEMAS

A veces el problema del funcionamiento puede resolverse fácilmente verificando posibilidades que son obvias pero se olvidó de confirmar. Antes de solicitar el servicio, verifique estos puntos. Le ahorrará tiempo y dinero.

LISTA DE VERIFICACION RAPIDA DE SERVICIO

Problema		Posible solución
Mando a distancia no funciona	2, 10, 15, 16	1Pruebe con un nuevo canal, si está bien, hay problema en la emisora.
Barras en la pantalla	5, 6	2¿Está enchufado el TV? ¿Hay electricidad en el tomacorriente?
Imagen distorsionada	1, 5, 12	3¿Está encendido el TV?
Imagen avanza verticalmente	1, 5, 6	4¿Hay un cable de antena conectado al terminal atrás del aparato?
No hay color	1, 4, 5, 8	5Si se utiliza una antena externa, verifique por cable roto o conexión floja.
Mala recepción en algunos canales	1, 4, 5, 6	6Verifique por interferencia local.
Imagen débil	1, 4, 5, 9, 12, 13	7Apague el TV y vuelva a encender después de un minuto.
Líneas o rayas en la imagen	1, 5, 6	8Ajuste el control COLOR.
Fantasma en la imagen	1, 4, 5, 6	9Ajuste el control CONTRASTE y CLARIDAD.
Imagen borrosa	1, 5	10....Verifique las pilas del mando a distancia.
Sonido bueno, imagen mala	1, 4, 5, 6, 9, 12, 13	11....Aleje el TV de aparatos cercanos que generen campos magnéticos. Apague con [POWER] y encienda después de 30 minutos.
Sonido mala, imagen bueno	1, 6	12....La temperatura alrededor está muy baja.
Ni imagen ni sonido	1, 2, 3, 4, 5, 7	13....La longevidad de la luz de fondo es de unas 50.000 horas. Solicite a su Taller de Servicio cuando sea necesario cambiarla.
Diferentes marcas de color en pantalla	1, 11	14....Es la calidad del panel de cristal líquido.
Punto negro o encendido en la pantalla	14	15....Verifique que no haya obstáculos entre el sensor y el mando a distancia.
		16....Haga una prueba de salida de señal.* Si está bien, puede haber un fallo del sensor a distancia.

*Prueba suplementaria del mando a distancia
Sintonice una radio AM a una banda que no tenga emisoras. Presione un botón en el mando a distancia apuntando hacia la radio. El sonido oscila cuando presione una tecla y la radio recibe una señal. Esto significa que la unidad del mando a distancia está funcionando.

Problema de capción cerrada	Posible solución
Aparecen subtítulos con error de ortografía.	Los errores de ortografía pueden pasar inadvertidos por la empresa que prepara los subtítulos narrativos en una transmisión en vivo.
No aparece todo el texto o hubo un retardo en lo que dijo.	Los subtítulos con retardo de unos segundos detrás del diálogo real son comunes en las transmisiones en vivo. La mayoría de las empresas que preparan subtítulos pueden mostrar un diálogo a un máximo de 220 palabras por minuto. Si un diálogo supera esa velocidad, se utiliza una edición selectiva para que los subtítulos sigan el diálogo actual en la pantalla de TV.
Los subtítulos aparecen mal con recuadros blancos en la pantalla de TV.	La interferencia de edificios, líneas de tensión, tormentas, etc. pueden hacer que el subtítulos aparezca mal o incompleta.
No aparecen subtítulos en un programa que debería tener subtítulos narrativos.	Las emisoras pueden utilizar un proceso de compresión de tiempo en el programa para dar más tiempo de publicidad. En este caso, los subtítulos pueden perderse porque el decodificador no puede leer la información comprimida.
No aparecen capciones cuando reproduce una videocinta pregrabada con subtítulo narrativo.	La videocinta puede ser una copia ilegal de la cinta o la empresa que hizo copias puede haber perdido accidentalmente las señales de subtítulos durante el copiado.
La pantalla de TV muestra un recuadro negro.	Está en el modo de TEXTO. Seleccione [SUBTIT1], [SUBTIT2] u [OFF].

El panel de cristal líquido se fabricó para que disfrute de muchos años de uso. A veces pueden aparecer algunos pixeles no activos como puntos fijos en azul, verde o rojo. Esto no se considera un defecto de la pantalla de cristal líquido.

MANTENIMIENTO

LIMPIEZA DEL MUEBLE

- Frote el panel frontal y otras superficies exteriores del TV con un paño suave empapado en agua tibia y estrujado.
- Nunca utilice un disolvente o alcohol. No rocíe líquido insecticida cerca del TV. Estos químicos pueden dañar la superficie expuesta o perder color.

ACCESORIOS INCLUIDOS

- Manual del usuario (1EMN21965)
- Unidad del mando a distancia (NE900UD)
- Pilas (“AAA” x 2)

ESPECIFICACIONES

ESPECIFICACIONES GENERALES

Sistema de televisión:	NTSC-M TV normal
Sistema de capción cerrada:	§15.119/FCC
Gama de canales	VHF: 2 ~ 13 UHF: 14 ~ 69 CATV: 2 ~ 13, A ~ W, W+1 ~ W+84, A-5 ~ A-1, 5A
Sistema de sintonización:	sistema de sintonización sintetizada de frecuencia de 181 canales
Acceso de canal:	Teclado de acceso directo, programable para barrido arriba/abajo
Terminales	Entrada de antena: VHF/UHF/CATV 75 ohmios desequilibrado (tipo F)
Entrada S-Video:	Toma de 4 patillas Mini DIN
Entrada de video:	Conector RCA x 1
Entrada de audio:	Conector RCA x 4
Salida de video componente:	Toma de un pasador (Y), 1Vpp (75 ohmios) Tomas de dos pasadores (Pr)/(Pb), 700mVpp (75 ohmios)
Casco auricular:	1/8" esteriofonía (3,5mm)
Sistema de sonido de estereofonía	2 altavoces
2 entrada de video/audio	

LIMPIEZA DE LA PANTALLA DE IMAGEN

Si fuera necesario limpiar el panel de cristal líquido, frote con un paño de algodón o tela blanda. Antes de limpiarlo, desconecte el cable de alimentación de energía.

ESPECIFICACIONES ELECTRICA

Salida de sonido: 1W, 8 ohmios x 2

OTRAS ESPECIFICACIONES

Mando a distancia:	Sistema de infrarrojos con codificación digital
Temperatura de funcionamiento:	5°C a 40°C (41°F~104°F)
Requisitos eléctricos:	CA de 120V, 60Hz
Consumo eléctrico (Máximo):	53 W
LCD:	20 pulg.
Dimensiones (Al. x An. x Prof.):	Con marco inclinado 18-3/8 pulg. x 23-3/8 pulg. x 9-1/8 pulg. (466mm x 594mm x 231mm)
Peso:	Con marco inclinado: 11,0 lbs. (5,0 kg)

•El diseño y las especificaciones están sujetos a cambios sin previo aviso y sin obligación legal.
•Si hay una diferencia entre idiomas, el idioma básico será el inglés.